

Patent  
Docket No.: 55841US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Richard M.  
Fischer, Bradley D. Guth, Warren D.  
Ketola, James W. Riley

Serial No.: 10/028,601  
Filed: December 19, 2001  
For: OPTICAL FILTERS FOR  
MANIPULATING  
SPECTRAL POWER  
DISTRIBUTION IN  
ACCELERATED  
WEATHERING DEVICES

Group Art Unit: 2872

Examiner: Joshua L. Pritchett

**AFFIDAVIT UNDER 37 C.F.R. 1.132**

STATE OF MINNESOTA )  
                          ) ss.  
COUNTY OF RAMSEY )

Dr. Richard M. Fischer, Jr., being first duly sworn, does hereby depose and say as follows:

1. I am citizen of the United States and a resident of Wisconsin, and am employed by 3M Company, St. Paul, Minnesota.
2. I hold a PhD in Polymer chemistry from North Dakota State University.
3. I have been employed by 3M Company in various divisions since 1974 and have been employed in 3M's Weathering Resource Center since 1988, currently holding the position of Division Scientist.

4. That I am the same Richard M. Fischer, Jr., who is identified as a co-inventor of the above-identified patent application

5. That I have reviewed the above-identified patent application, the office action of June 25, 2003 including the cited references, and the response that is being submitted concurrently with this declaration.

6. That I have personal knowledge that cobalt and nickel are visible light absorbing materials.

7. That I submitted a sample of the WG320 glass to 3M's Corporate Analytical Technology Center for qualitative and quantitative analysis. According to the results of the analysis, there was no detectable amount of cobalt, nickel or any other visible light absorbing component in the WG320 glass.

8. It is undesirable to include visible light absorbing components in an optical filter for a weathering device because the inclusion of visible light absorbing components blocks a portion of the visible light spectrum that is present in natural sunlight.

Further affiant saith not.

*Richard M. Fischer, Jr.*  
Richard M. Fischer Jr.

Subscribed and sworn to before me  
this 24<sup>th</sup> day of October 2003.

*Amber Nicholson*  
Notary Public



THE INFORMATION CONTAINED IN THIS FACSIMILE TRANSMISSION MAY CONTAIN CONFIDENTIAL OR LEGALLY PRIVILEGED INFORMATION INTENDED ONLY FOR THE PERSON OR ENTITY NAMED BELOW. If you are not the intended recipient, please do not read, use, disclose, distribute or copy this transmission. If this transmission was received in error, please immediately notify me by telephone directly at (651) 737-2356 or (651) 733-1500, and we will arrange for its return at no cost to you.

## FACSIMILE TRANSMITTAL COVER SHEET

Date: November 24, 2003

No. of Pages (including this page): 9

To: Examiner Pritchett, Joshua  
U.S. Patent and Trademark Office  
Alexandria, VA 22313-1450

Group Art Unit: 2872

Phone:  
Fax: 703-872-9318

From: Carolyn A. Fischer  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
P.O. Box 33427  
St. Paul, MN 55133-3427  
U.S.A.  
Phone: (651) 575-3915  
Fax: (651) 736-3833

Application No.: 10/028601

First Named Inventor: Fischer, Richard M. Jr.

Title: Optical Filters for Manipulating Spectral Power Distribution in Accelerated Weathering Devices

Case No.: 55841US002

Attachments: Response

RECEIVED  
CENTRAL FAX CENTER  
NOV 24 2003

OFFICIAL